

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 17:28
S2	1	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 19:22
S9	1891	(257/686).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/12 17:00
S10	1400	S9 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 19:57
S11	6	("5726493"  "5756380"  "6489676"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 17:13
S12	6	("5726493"  "6239496"  "6303997"   "6329915"  "6348728").PN. OR ("6489676").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 17:16
S13	2	"5422430".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 19:47
S14	2	"5422435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 19:50
S15	1576	(257/777).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/12 19:51

## EAST Search History

S16	0	S15 and flip adj chip]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 19:51
S17	549	S15 and flip adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 19:51
S18	422	S15 and flip adj chip	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 19:51
S19	409	S15 and flip adj chip	USPAT	OR	ON	2005/07/12 19:57
S20	782	(438/109).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/12 19:57
S21	588	S20 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 19:57
S22	366	S20 and (bump solder ball)	USPAT	OR	ON	2005/07/12 19:57
S23	70	("3851221"   "4567643"   "4730232"   "4763188"   "4982265"   "4996587"   "5012323"   "5025306"   "5040052"   "5124783"   "5138438"   "5140404"   "5165067"   "5168368"   "5198888"   "5229647"   "5273938"   "5291061"   "5323060"   "5334875"   "5347429"   "5422435"   "5426563"   "5432729"   "5462624"   "5463253"   "5473196"   "5495394"   "5495398"   "5498901"   "5502289"   "5514907"   "5569625"   "5581498"   "5587341"   "5614766"   "5637536"   "5637912"   "5682062"   "5689135"   "5696031"   "5715147"   "5721452"   "5739581"   "5783870"   "5793108"   "5798014"   "5815372"   "5861666"   "5872025"   "5885849"   "5886412"   "5917242"   "5952611"   "5963794"   "5973403"   "6005778"   "6051886"   "6057598"   "6072243"   "6080264"   "6133637"   "6161753"   "6184463"   "6214641"   "6232561"   "6235554"   "6316838"   "6340842"   "RE36613").PN.	OR	ON	2005/07/12 19:59	

## EAST Search History

S24	61	("3300686"   "3312878"   "3372309"   "3437882"   "4074342"   "4225900"   "4398208"   "4500905"   "4698662"   "4706166"   "4774632"   "4825284"   "4922378").PN. OR ("5040052"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/12 20:20
S25	0	<i>mother adj board with doulbe near data near rate near memory</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 13:59
S26	3	<i>mother adj board with double near data near rate near memory</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 16:17
S27	2	"5,422,435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 16:17
S28	245	<i>epoxy same phenol\$4 same accelerator same filler same viscosity</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 17:13
S29	234	<i>epoxy same phenol\$4 same accelerator same filler same viscosity</i>	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 17:14
S30	2	("6284818"   "6632881").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 17:15
S31	2	"20040207073".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 17:56
S32	2	"6744135".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/13 17:56
S33	2	("6020629"   "6528882").PN. OR ("6744135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 17:56

## EAST Search History

S34	9	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 17:57
S35	9	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/15 10:32
S36	6	elenius.in. and redistribution	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/15 10:33
S37	10	("20020135057" "20020196650" "5040052" "5422435" "6489676").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:15
S38	2	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S39	2004	(257/686).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/28 13:16
S40	1494	S39 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S41	6	("5726493" "5756380" "6489676").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S42	6	("5726493"   "6239496"   "6303997"   "6329915"   "6348728").PN. OR ("6489676").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 13:16
S43	2	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16

## EAST Search History

S44	2	"5422430".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S45	2	"5422435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S46	1660	(257/777).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/28 13:16
S47	0	S46 and flip adj chip]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S48	584	S46 and flip adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S49	446	S46 and flip adj chip	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S50	433	S46 and flip adj chip	USPAT	OR	ON	2005/11/28 13:16
S51	835	(438/109).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/28 13:16
S52	632	S51 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S53	386	S51 and (bump solder ball)	USPAT	OR	ON	2005/11/28 13:16

## EAST Search History

S54	70	("3851221"   "4567643"   "4730232"   "4763188"   "4982265"   "4996587"   "5012323"   "5025306"   "5040052"   "5124783"   "5138438"   "5140404"   "5165067"   "5168368"   "5198888"   "5229647"   "5273938"   "5291061"   "5323060"   "5334875"   "5347429"   "5422435"   "5426563"   "5432729"   "5462624"   "5463253"   "5473196"   "5495394"   "5495398"   "5498901"   "5502289"   "5514907"   "5569625"   "5581498"   "5587341"   "5614766"   "5637536"   "5637912"   "5682062"   "5689135"   "5696031"   "5715147"   "5721452"   "5739581"   "5783870"   "5793108"   "5798014"   "5815372"   "5861666"   "5872025"   "5885849"   "5886412"   "5917242"   "5952611"   "5963794"   "5973403"   "6005778"   "6051886"   "6057598"   "6072243"   "6080264"   "6133637"   "6161753"   "6184463"   "6214641"   "6232561"   "6235554"   "6316838"   "6340842"   "RE36613").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 13:16
S55	69	("3300686"   "3312878"   "3372309"   "3437882"   "4074342"   "4225900"   "4398208"   "4500905"   "4698662"   "4706166"   "4774632"   "4825284"   "4922378").PN. OR ("5040052"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 13:16
S56	0	mother adj board with doulbe near data near rate near memory .	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S57	3	mother adj board with double near data near rate near memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S58	2	"5,422,435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S59	247	epoxy same phenol\$4 same accelerator same filler same viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16

## EAST Search History

S60	234	epoxy same phenol\$4 same accelerator same filler same viscosity	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S61	2	("6284818"   "6632881").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 13:16
S62	2	"20040207073".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S63	2	"6744135".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 13:16
S64	2	("6020629"   "6528882").PN. OR: ("6744135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 13:16
S65	9	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 13:16
S66	9	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 13:16
S67	6	elenius.in. and redistribution	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/28 13:16
S68	390	lithographic adj apparatus.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 14:19
S69	0	alignent adj mark with anisotropically with etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 14:20
S70	0	alignent adj mark with anisotropically near2 etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 14:20

## EAST Search History

S71	0	alignment adj mark same anisotropically near2 etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 14:20
S72	17	alignment adj mark same anisotropically near2 etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 14:24
S73	78	alignment adj mark and (anisotropically and wet) with etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 14:26
S74	165	alignment adj mark and reactive near4 plasma with etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 14:26
S75	5	alignment adj mark and reactive near4 plasma with etching same anisotropically	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 14:28
S76	23	alignment adj mark and wet with etching same anisotropically	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/28 14:28
S77	151	and\$1j\$2.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 10:23
S78	4	("5151771"   "5172303"   "5739581"   "5963430").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 10:28
S79	89	("3379937"   "4288841"   "4437718"   "4617730"   "4654694"   "4691225"   "4940181"   "4969827" "5016138").PN. OR ("5172303"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 10:29



## EAST Search History

S80	138	("3214827"   "3775844"   "4225900"   "4941033"   "4982265"   "5046238"   "5138438"   "5148265"   "5148266"   "5172303"   "5198888"   "5222014"   "5247423"   "5281852"   "5334875"   "5347159"   "5390844"   "5397916"   "5398863"   "5422435"   "5426563"   "5440171"   "5454160"   "5455740"   "5479319"   "5489749"   "5491302"   "5543664"   "5656856").PN. OR ("5861666").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 10:31
S81	29	("5006922"   "5102829"   "5172303"   "5200366"   "5291062"   "5334857"   "5433822"   "5455456"   "5468999"   "5608265").PN. OR ("5726493"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 10:49
S82	9	("5200809"   "5726493"   "5886408"   "6239496"   "6303997"   "6329915"   "6331450"   "6348728"   "6613606").PN. OR ("6812066"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 11:25
S83	1	"4857973".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 11:25
S84	2	"6489676".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:20
S85	2	"5,422,435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:20
S86	2	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S87	2084	(257/686).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/01 16:43
S88	1563	S87 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43

## EAST Search History

S89	6	("5726493" "5756380" "6489676").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S90	8	("5726493" "6239496" "6303997"  "6329915" "6348728").PN. OR ("6489676").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S91	2	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S92	2	"5422430".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S93	2	"5422435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S94	1728	(257/777).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/01 16:43
S95	0	S94 and flip adj chip]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S96	609	S94 and flip adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S97	464	S94 and flip adj chip	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S98	451	S94 and flip adj chip	USPAT	OR	ON	2006/03/01 16:43

## EAST Search History

S99	872	(438/109).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/01 16:43
S10 0	664	S99 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S10 1	400	S99 and (bump solder ball)	USPAT	OR	ON	2006/03/01 16:43
S10 2	70	("3851221"   "4567643"   "4730232" "4763188"   "4982265"   "4996587" "5012323"   "5025306"   "5040052" "5124783"   "5138438"   "5140404" "5165067"   "5168368"   "5198888" "5229647"   "5273938"   "5291061" "5323060"   "5334875"   "5347429" "5422435"   "5426563"   "5432729" "5462624"   "5463253"   "5473196" "5495394"   "5495398"   "5498901" "5502289"   "5514907"   "5569625" "5581498"   "5587341"   "5614766" "5637536"   "5637912"   "5682062" "5689135"   "5696031"   "5715147" "5721452"   "5739581"   "5783870" "5793108"   "5798014"   "5815372" "5861666"   "5872025"   "5885849" "5886412"   "5917242"   "5952611" "5963794"   "5973403"   "6005778" "6051886"   "6057598"   "6072243" "6080264"   "6133637"   "6161753" "6184463"   "6214641"   "6232561" "6235554"   "6316838"   "6340842" "RE36613").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S10 3	72	("3300686"   "3312878"   "3372309" "3437882"   "4074342"   "4225900" "4398208"   "4500905"   "4698662" "4706166"   "4774632"   "4825284" "4922378").PN. OR ("5040052"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S10 4	0	mother adj board with doulbe near data near rate near memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S10 5	3	mother adj board with double near data near rate near memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43

## EAST Search History

S10 6	2	"5,422,435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S10 7	248	epoxy same phenol\$4 same accelerator same filler same viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S10 8	234	epoxy same phenol\$4 same accelerator same filler same viscosity	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S10 9	2	("6284818"   "6632881").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S11 0	2	"20040207073".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S11 1	2	"6744135".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S11 2	2	("6020629"   "6528882").PN. OR ("6744135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S11 3	9	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S11 4	9	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S11 5	6	elenius.in. and redistribution	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S11 6	10	("20020135057" "20020196650" "50 40052" "5422435" "6489676").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43

## EAST Search History

S11 7	2084	(257/686).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/01 16:43
S11 8	1728	(257/777).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/01 16:43
S11 9	0	S118 and flip adj chip]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S12 0	609	S118 and flip adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S12 1	872	(438/109).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/01 16:43
S12 2	664	S121 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S12 3	0	mother adj board with doulbe near data near rate near memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S12 4	2	"20040207073".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S12 5	9	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43

## EAST Search History

S12 6	9	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S12 7	2	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S12 8	6	("5726493" "5756380" "6489676"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S12 9	8	("5726493"   "6239496"   "6303997"   "6329915"   "6348728").PN. OR ("6489676").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S13 0	2	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S13 1	2	"5422430".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S13 2	2	"5422435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43

## EAST Search History

S13 3	70	("3851221"   "4567643"   "4730232"   "4763188"   "4982265"   "4996587"   "5012323"   "5025306"   "5040052"   "5124783"   "5138438"   "5140404"   "5165067"   "5168368"   "5198888"   "5229647"   "5273938"   "5291061"   "5323060"   "5334875"   "5347429"   "5422435"   "5426563"   "5432729"   "5462624"   "5463253"   "5473196"   "5495394"   "5495398"   "5498901"   "5502289"   "5514907"   "5569625"   "5581498"   "5587341"   "5614766"   "5637536"   "5637912"   "5682062"   "5689135"   "5696031"   "5715147"   "5721452"   "5739581"   "5783870"   "5793108"   "5798014"   "5815372"   "5861666"   "5872025"   "5885849"   "5886412"   "5917242"   "5952611"   "5963794"   "5973403"   "6005778"   "6051886"   "6057598"   "6072243"   "6080264"   "6133637"   "6161753"   "6184463"   "6214641"   "6232561"   "6235554"   "6316838"   "6340842"   "RE36613").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S13 4	72	("3300686"   "3312878"   "3372309"   "3437882"   "4074342"   "4225900"   "4398208"   "4500905"   "4698662"   "4706166"   "4774632"   "4825284"   "4922378").PN. OR ("5040052"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S13 5	3	<i>mother adj board with double near data near rate near memory</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S13 6	2	"5,422,435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S13 7	2	("6284818"   "6632881").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S13 8	2	"6744135".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S13 9	2	("6020629"   "6528882").PN. OR ("6744135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43

## EAST Search History

S14 0	6	elenius.in. and redistribution	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S14 1	248	epoxy same phenol\$4 same accelerator same filler same viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S14 2	234	epoxy same phenol\$4 same accelerator same filler same viscosity	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S14 3	400	S121 and (bump solder ball)	USPAT	OR	ON	2006/03/01 16:43
S14 4	464	S118 and flip adj chip	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S14 5	451	S118 and flip adj chip	USPAT	OR	ON	2006/03/01 16:43
S14 6	1563	S117 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S14 7	471	lithographic adj apparatus.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S14 8	0	alignent adj mark with anisotropically with etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S14 9	0	alignent adj mark with anisotropically near2 etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S15 0	0	alignent adj mark same anisotropically near2 etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43



## EAST Search History

S15 1	17	alignment adj mark same anisotropically near2 etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S15 2	82	alignment adj mark and (anisotropically and wet) with etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S15 3	181	alignment adj mark and reactive near4 plasma with etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S15 4	6	alignment adj mark and reactive near4 plasma with etching same anisotropically	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S15 5	25	alignment adj mark and wet with etching same anisotropically	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S15 6	151	and\$1j\$2.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 16:43
S15 7	4	("5151771"   "5172303"   "5739581"   "5963430").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S15 8	89	("3379937"   "4288841"   "4437718"   "4617730"   "4654694"   "4691225"   "4940181"   "4969827" "5016138").PN. OR ("5172303"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S15 9	138	("3214827"   "3775844"   "4225900"   "4941033"   "4982265"   "5046238"   "5138438"   "5148265"   "5148266"   "5172303"   "5198888"   "5222014"   "5247423"   "5281852"   "5334875"   "5347159"   "5390844"   "5397916"   "5398863"   "5422435"   "5426563"   "5440171"   "5454160"   "5455740"   "5479319"   "5489749"   "5491302"   "5543664"   "5656856").PN. OR ("5861666").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43

## EAST Search History

S16 0	29	("5006922"   "5102829"   "5172303"   "5200366"   "5291062"   "5334857"   "5433822"   "5455456"   "5468999"   "5608265").PN. OR ("5726493"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S16 1	9	("5200809"   "5726493"   "5886408"   "6239496"   "6303997"   "6329915"   "6331450"   "6348728"   "6613606").PN. OR ("6812066"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S16 2	1	"4857973".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 16:43
S16 3	468	stacked near1 ball	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 12:50
S16 4	160	stacked near1 ball and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 12:52
S16 5	0	("2002/0015340").URPN.	USPAT	OR	ON	2007/07/19 12:47
S16 6	63	stacked near1 ball and IC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 12:51
S16 7	14	S166 not S164	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 12:51
S16 8	175	stacked near1 ball and chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 12:51
S16 9	28	S168 not S164	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 12:51

## EAST Search History

S17 0	140	stacked near1 bga	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 12:58
S17 1	2	"5594275".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 12:56
S17 2	71	("5594275").URPN.	USPAT	OR	ON	2007/07/19 12:56
S17 3	115	stacked near1 bump and (IC integrated near1 circuit chip die wafer silicon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 13:01
S17 4	8	("20040145051" "6339254" "636944 8" "6525413").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 13:01
S17 5	28	("5291061" "5302778" "5435734"  "5477082" "5477086" "5532519"  "5558271" "5719436" "5767580"  "5777345" "5790839" "5793101"  "5883814" "5900676" "5914535"  "5973924" "6150724" "6222246"  "6232667" "6310403" "6376915"  "RE35119" "RE36613").PN. OR ("6525413").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 13:09
S17 6	1	"5767573".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 13:09
S17 7	2	"6455785".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 19:56
S17 8	1	(US-6455785-\$.did.	USPAT	OR	ON	2007/07/19 21:11
S17 9	1	S178 and solder	USPAT	OR	ON	2007/07/19 21:11
S18 0	15	("5060844" "5147084" "5251806"  "5492266" "5493075" "5542601"  "5598036" "5641113" "5767580"  "5825629" "5889326" "5953623"  "6199273" "6225206"  "6229220").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 21:12

## EAST Search History

S18 1	1	(US-6225206-\$.did.	USPAT	OR	ON	2007/07/19 21:13
S18 2	1	(US-6225206-\$.did. and solder	USPAT	OR	ON	2007/07/19 21:13
S18 3	16	("5677569" "5818107" "5903437" "6188578" "6297074" "6303997" "6362530" "6414391").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:33
S18 4	2	jp-63128736-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 20:00
S18 5	2	"20060208765".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 20:08
S18 6	2	"5641113".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 20:08
S18 7	14	("20020135057" "20020196650" "5040052" "5422435" "5641113" "6489676" "7145225").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 13:43
S18 8	1415	228/180.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 13:46
S18 9	18	(bump solder ball) with stack and S188	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 13:46
S19 0	86	("3496428" "3512051" "3761309" "3809625" "3821785" "3986255" "4545610" "4626479" "4664309" "4673772" "4739917" "4783722").PN. OR ("5130779").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 13:47

## EAST Search History

S19 1	76	("3597834"   "3770874"   "3921285"   "3922777"   "4047290"   "4074342"   "4447857"   "4529835"   "4572925"   "4617730"   "4638400"   "4685030").PN. OR ("4783722"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 13:51
S19 2	68	("5162257").URPN.	USPAT	OR	ON	2008/01/04 13:53
S19 3	893	((ic integrated near2 circuit micro\$electronic die semiconductor silicon Microelectronic chip microdevice micro near2 device) near3 package).bstx. and (bump c4 ball solder )near2 stack\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 15:44
S19 4	421	S193	USPAT	OR	ON	2008/01/04 14:02
S19 5	52	("20020011666"   "5210939"   "5261989"   "5420461"   "5506756"   "5519580"   "5707247"   "5751556"   "5757071"   "5787575"   "5812379"   "5880530"   "5883783"   "5889652"   "5889655"   "5893725"   "5898222"   "5966020"   "6016852"   "6030854"   "6031283"   "6043559"   "6088915"   "6118182"   "6120885"   "6177729"   "6206272"   "6238948"   "6242803"   "6271111"   "6281581"   "6307160"   "6312830"   "6331446"   "6359372"   "6365500"   "6365973"   "6413849"   "6429383"   "6440770"   "6452502"   "6461954"   "6489557"   "6490166"   "6498086"   "6509530"   "6512861"   "6521996"   "6528345"   "6535386"   "6548386"   "6610591").PN. OR ("7242097").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:05
S19 6	14	("4833568"   "5571754").PN. OR ("6323546").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:17
S19 7	11	("3148310"   "4394712"   "5129142"   "5266912"   "5329423"   "5642261"   "5896276").PN. OR ("6191370"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:19
S19 8	27	("3148310").URPN.	USPAT	OR	ON	2008/01/04 14:20
S19 9	26	("3148310"   "3541222"   "3835531"   "3998824"   "4050756"   "4136275"   "4346516"   "4644101"   "4761871"   "4902857"   "4931598"   "4966857"   "5121299"   "5172303").PN. OR ("5401911").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:22

## EAST Search History

S20 0	2	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S20 1	2843	(257/686).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/04 14:26
S20 2	2229	S201 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S20 3	6	("5726493" "5756380" "6489676"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S20 4	33	("5726493" "6239496" "6303997"  "6329915" "6348728").PN. OR ("6489676").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S20 5	2	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S20 6	2	"5422430".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S20 7	2	"5422435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S20 8	2248	(257/777).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/04 14:26

## EAST Search History

S20 9	0	S208 and flip adj chip]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S21 0	817	S208 and flip adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S21 1	598	S208 and flip adj chip	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S21 2	585	S208 and flip adj chip	USPAT	OR	ON	2008/01/04 14:26
S21 3	1227	(438/109).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/04 14:26
S21 4	970	S213 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S21 5	559	S213 and (bump solder ball)	USPAT	OR	ON	2008/01/04 14:26

## EAST Search History

S21 6	70	("3851221"   "4567643"   "4730232" "4763188"   "4982265"   "4996587" "5012323"   "5025306"   "5040052" "5124783"   "5138438"   "5140404" "5165067"   "5168368"   "5198888" "5229647"   "5273938"   "5291061" "5323060"   "5334875"   "5347429" "5422435"   "5426563"   "5432729" "5462624"   "5463253"   "5473196" "5495394"   "5495398"   "5498901" "5502289"   "5514907"   "5569625" "5581498"   "5587341"   "5614766" "5637536"   "5637912"   "5682062" "5689135"   "5696031"   "5715147" "5721452"   "5739581"   "5783870" "5793108"   "5798014"   "5815372" "5861666"   "5872025"   "5885849" "5886412"   "5917242"   "5952611" "5963794"   "5973403"   "6005778" "6051886"   "6057598"   "6072243" "6080264"   "6133637"   "6161753" "6184463"   "6214641"   "6232561" "6235554"   "6316838"   "6340842" "RE36613").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S21 7	87	("3300686"   "3312878"   "3372309" "3437882"   "4074342"   "4225900" "4398208"   "4500905"   "4698662" "4706166"   "4774632"   "4825284" "4922378").PN. OR ("5040052"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S21 8	0	<i>mother adj board with doulbe near data near rate near memory</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S21 9	3	<i>mother adj board with double near data near rate near memory</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S22 0	2	"5,422,435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S22 1	265	<i>epoxy same phenol\$4 same accelerator same filler same viscosity</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26



## EAST Search History

S22 2	239	epoxy same phenol\$4 same accelerator same filler same viscosity	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S22 3	2	("6284818"   "6632881").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S22 4	2	"20040207073".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S22 5	2	"6744135".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S22 6	5	("6020629"   "6528882").PN. OR ("6744135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S22 7	15	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S22 8	15	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S22 9	6	elenius.in. and redistribution	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S23 0	10	("20020135057" "20020196650" "50 40052" "5422435" "6489676").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S23 1	2843	(257/686).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/04 14:26
S23 2	2248	(257/777).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/04 14:26

## EAST Search History

S23 3	0	S232 and flip adj chip]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S23 4	817	S232 and flip adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S23 5	1227	(438/109).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/04 14:26
S23 6	970	S235 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S23 7	0	mother adj board with doulbe near data near rate near memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S23 8	2	"20040207073".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S23 9	15	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S24 0	15	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S24 1	2	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26

## EAST Search History

S24 2	6	("5726493" "5756380" "6489676"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S24 3	33	("5726493" "6239496" "6303997"  "6329915" "6348728").PN. OR ("6489676").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S24 4	2	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S24 5	2	"5422430".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S24 6	2	"5422435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S24 7	70	("3851221" "4567643" "4730232"  "4763188" "4982265" "4996587"  "5012323" "5025306" "5040052"  "5124783" "5138438" "5140404"  "5165067" "5168368" "5198888"  "5229647" "5273938" "5291061"  "5323060" "5334875" "5347429"  "5422435" "5426563" "5432729"  "5462624" "5463253" "5473196"  "5495394" "5495398" "5498901"  "5502289" "5514907" "5569625"  "5581498" "5587341" "5614766"  "5637536" "5637912" "5682062"  "5689135" "5696031" "5715147"  "5721452" "5739581" "5783870"  "5793108" "5798014" "5815372"  "5861666" "5872025" "5885849"  "5886412" "5917242" "5952611"  "5963794" "5973403" "6005778"  "6051886" "6057598" "6072243"  "6080264" "6133637" "6161753"  "6184463" "6214641" "6232561"  "6235554" "6316838" "6340842"  "RE36613").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26

## EAST Search History

S24 8	87	("3300686"   "3312878"   "3372309"   "3437882"   "4074342"   "4225900"   "4398208"   "4500905"   "4698662"   "4706166"   "4774632"   "4825284"   "4922378").PN. OR ("5040052"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S24 9	3	mother adj board with double near data near rate near memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S25 0	2	"5,422,435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S25 1	2	("6284818"   "6632881").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S25 2	2	"6744135".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S25 3	5	("6020629"   "6528882").PN. OR ("6744135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S25 4	6	elenius.in. and redistribution	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S25 5	265	epoxy same phenol\$4 same accelerator same filler same viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S25 6	239	epoxy same phenol\$4 same accelerator same filler same viscosity	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S25 7	559	S235 and (bump solder ball)	USPAT	OR	ON	2008/01/04 14:26
S25 8	598	S232 and flip adj chip	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S25 9	585	S232 and flip adj chip	USPAT	OR	ON	2008/01/04 14:26

## EAST Search History

S26 0	2229	S231 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S26 1	1321	lithographic adj apparatus.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S26 2	0	alignent adj mark with anisotropically with etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S26 3	0	alignent adj mark with anisotropically near2 etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S26 4	0	alignent adj mark same anisotropically near2 etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S26 5	18	alignment adj mark same anisotropically near2 etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S26 6	107	alignment adj mark and (anisotropically and wet) with etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S26 7	251	alignment adj mark and reactive near4 plasma with etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S26 8	9	alignment adj mark and reactive near4 plasma with etching same anisotropically	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26

## EAST Search History

S26 9	32	alignment adj mark and wet with etching same anisotropically	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S27 0	151	and\$1j\$2.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S27 1	4	("5151771"   "5172303"   "5739581"   "5963430").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S27 2	104	("3379937"   "4288841"   "4437718"   "4617730"   "4654694"   "4691225"   "4940181"   "4969827"   "5016138").PN. OR ("5172303"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S27 3	185	("3214827"   "3775844"   "4225900"   "4941033"   "4982265"   "5046238"   "5138438"   "5148265"   "5148266"   "5172303"   "5198888"   "5222014"   "5247423"   "5281852"   "5334875"   "5347159"   "5390844"   "5397916"   "5398863"   "5422435"   "5426563"   "5440171"   "5454160"   "5455740"   "5479319"   "5489749"   "5491302"   "5543664"   "5656856").PN. OR ("5861666").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S27 4	55	("5006922"   "5102829"   "5172303"   "5200366"   "5291062"   "5334857"   "5433822"   "5455456"   "5468999"   "5608265").PN. OR ("5726493"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S27 5	9	("5200809"   "5726493"   "5886408"   "6239496"   "6303997"   "6329915"   "6331450"   "6348728"   "6613606").PN. OR ("6812066"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S27 6	1	"4857973".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S27 7	2248	(257/777).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/04 14:26

## EAST Search History

S27 8	0	S277 and flip adj chip]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S27 9	0	mother adj board with doulbe near data near rate near memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S28 0	0	aligment adj mark with anisotropically near2 etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S28 1	1227	(438/109).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/04 14:26
S28 2	970	S281 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S28 3	2	"5422430".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S28 4	2	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S28 5	15	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S28 6	2	"20040207073".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26

## EAST Search History

S28 7	15	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S28 8	251	alignment adj mark and reactive near4 plasma with etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S28 9	2	"20040207073".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S29 0	0	mother adj board with doulbe near data near rate near memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S29 1	2248	(257/777).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/04 14:26
S29 2	2843	(257/686).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/04 14:26
S29 3	817	S291 and flip adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S29 4	0	S291 and flip adj chip]	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S29 5	1227	(438/109).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/04 14:26



## EAST Search History

S29 6	970	S295 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S29 7	1	"4857973".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S29 8	55	("5006922"   "5102829"   "5172303"   "5200366"   "5291062"   "5334857"   "5433822"   "5455456"   "5468999"   "5608265").PN. OR ("5726493"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:26
S29 9	239	epoxy same phenol\$4 same accelerator same filler same viscosity	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S30 0	265	epoxy same phenol\$4 same accelerator same filler same viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:26
S30 1	104	("3379937"   "4288841"   "4437718"   "4617730"   "4654694"   "4691225"   "4940181"   "4969827" "5016138").PN. OR ("5172303"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S30 2	2	"5,422,435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S30 3	151	and\$1j\$2.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S30 4	2	("6284818"   "6632881").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S30 5	10	("20020135057" "20020196650" "50 40052" "5422435" "6489676").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27

## EAST Search History

S30 6	2	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S30 7	185	("3214827"   "3775844"   "4225900"   "4941033"   "4982265"   "5046238"   "5138438"   "5148265"   "5148266"   "5172303"   "5198888"   "5222014"   "5247423"   "5281852"   "5334875"   "5347159"   "5390844"   "5397916"   "5398863"   "5422435"   "5426563"   "5440171"   "5454160"   "5455740"   "5479319"   "5489749"   "5491302"   "5543664"   "5656856").PN. OR ("5861666").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S30 8	9	("5200809"   "5726493"   "5886408"   "6239496"   "6303997"   "6329915"   "6331450"   "6348728"   "6613606").PN. OR ("6812066"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S30 9	4	("5151771"   "5172303"   "5739581"   "5963430").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S31 0	817	S277 and flip adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S31 1	87	("3300686"   "3312878"   "3372309"   "3437882"   "4074342"   "4225900"   "4398208"   "4500905"   "4698662"   "4706166"   "4774632"   "4825284"   "4922378").PN. OR ("5040052"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S31 2	9	alignment adj mark and reactive near4 plasma with etching same anisotropically	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S31 3	15	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S31 4	87	("3300686"   "3312878"   "3372309"   "3437882"   "4074342"   "4225900"   "4398208"   "4500905"   "4698662"   "4706166"   "4774632"   "4825284"   "4922378").PN. OR ("5040052"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27

## EAST Search History

S31 5	0	aligment adj mark with anisotropically with etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S31 6	2	"5422435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S31 7	70	("3851221"   "4567643"   "4730232"   "4763188"   "4982265"   "4996587"   "5012323"   "5025306"   "5040052"   "5124783"   "5138438"   "5140404"   "5165067"   "5168368"   "5198888"   "5229647"   "5273938"   "5291061"   "5323060"   "5334875"   "5347429"   "5422435"   "5426563"   "5432729"   "5462624"   "5463253"   "5473196"   "5495394"   "5495398"   "5498901"   "5502289"   "5514907"   "5569625"   "5581498"   "5587341"   "5614766"   "5637536"   "5637912"   "5682062"   "5689135"   "5696031"   "5715147"   "5721452"   "5739581"   "5783870"   "5793108"   "5798014"   "5815372"   "5861666"   "5872025"   "5885849"   "5886412"   "5917242"   "5952611"   "5963794"   "5973403"   "6005778"   "6051886"   "6057598"   "6072243"   "6080264"   "6133637"   "6161753"   "6184463"   "6214641"   "6232561"   "6235554"   "6316838"   "6340842"   "RE36613").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S31 8	33	("5726493"   "6239496"   "6303997"   "6329915"   "6348728").PN. OR ("6489676").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S31 9	6	("5726493"   "5756380"   "6489676"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S32 0	5	("6020629"   "6528882").PN. OR ("6744135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S32 1	265	epoxy same phenol\$4 same accelerator same filler same viscosity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27

## EAST Search History

S32 2	3	<i>mother adj board with double near data near rate near memory</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S32 3	2	"5,422,435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S32 4	2	("6284818"   "6632881").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S32 5	2	"6744135".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S32 6	5	("6020629"   "6528882").PN. OR ("6744135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S32 7	6	<i>elenius.in. and redistribution</i>	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S32 8	18	<i>alignment adj mark same anisotropically near2 etching</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S32 9	2	"5422435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S33 0	2	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S33 1	6	("5726493"   "5756380"   "6489676"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S33 2	33	("5726493"   "6239496"   "6303997"   "6329915"   "6348728").PN. OR ("6489676").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27

## EAST Search History

S33 3	2	"5422430".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S33 4	70	( "3851221"   "4567643"   "4730232" "4763188"   "4982265"   "4996587" "5012323"   "5025306"   "5040052" "5124783"   "5138438"   "5140404" "5165067"   "5168368"   "5198888" "5229647"   "5273938"   "5291061" "5323060"   "5334875"   "5347429" "5422435"   "5426563"   "5432729" "5462624"   "5463253"   "5473196" "5495394"   "5495398"   "5498901" "5502289"   "5514907"   "5569625" "5581498"   "5587341"   "5614766" "5637536"   "5637912"   "5682062" "5689135"   "5696031"   "5715147" "5721452"   "5739581"   "5783870" "5793108"   "5798014"   "5815372" "5861666"   "5872025"   "5885849" "5886412"   "5917242"   "5952611" "5963794"   "5973403"   "6005778" "6051886"   "6057598"   "6072243" "6080264"   "6133637"   "6161753" "6184463"   "6214641"   "6232561" "6235554"   "6316838"   "6340842" "RE36613").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S33 5	2	"20050121764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S33 6	3	<i>mother adj board with double near data near rate near memory</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S33 7	239	<i>epoxy same phenol\$4 same accelerator same filler same viscosity</i>	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S33 8	559	<i>S295 and (bump solder ball)</i>	USPAT	OR	ON	2008/01/04 14:27
S33 9	559	<i>S281 and (bump solder ball)</i>	USPAT	OR	ON	2008/01/04 14:27
S34 0	598	<i>S291 and flip adj chip</i>	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27

## EAST Search History

S34 1	585	S291 and flip adj chip	USPAT	OR	ON	2008/01/04 14:27
S34 2	598	S277 and flip adj chip	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S34 3	585*	S277 and flip adj chip	USPAT	OR	ON	2008/01/04 14:27
S34 4	1321	lithographic adj apparatus.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S34 5	2229	S292 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S34 6	2	"5,422,435".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S34 7	2	"6744135".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S34 8	2	"6489676".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S34 9	107	alignment adj mark and (anisotropically and wet) with etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S35 0	32	alignment adj mark and wet with etching same anisotropically	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27

## EAST Search History

S35 1	2843	(257/686).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/04 14:27
S35 2	0	alignent adj mark same anisotropically near2 etching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S35 3	15	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S35 4	6	elenius.in. and redistribution	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S35 5	2229	S351 and (bump solder ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S35 6	175	stacked near1 ball and semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S35 7	488	stacked near1 ball	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S35 8	69	stacked near1 ball and IC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S35 9	189	stacked near1 ball and chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S36 0	28	S359 not S356	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27

## EAST Search History

S36 1	0	("2002/0015340").URPN.	USPAT	OR	ON	2008/01/04 14:27
S36 2	14	S358 not S356	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S36 3	152	stacked near1 bga	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S36 4	2	"5594275".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S36 5	79	("5594275").URPN.	USPAT	OR	ON	2008/01/04 14:27
S36 6	8	("20040145051" "6339254" "6369448" "6525413").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S36 7	127	stacked near1 bump and (IC integrated near1 circuit chip die wafer silicon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S36 8	32	("5291061" "5302778" "5435734" "5477082" "5477086" "5532519" "5558271" "5719436" "5767580" "5777345" "5790839" "5793101" "5883814" "5900676" "5914535" "5973924" "6150724" "6222246" "6232667" "6310403" "6376915" "RE35119" "RE36613").PN. OR ("6525413").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S36 9	1	"5767573".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S37 0	2	"6455785".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S37 1	1	(US-6455785-\$.)did.	USPAT	OR	ON	2008/01/04 14:27



## EAST Search History

S37 2	1	S371 and solder	USPAT	OR	ON	2008/01/04 14:27
S37 3	15	("5060844"   "5147084"   "5251806"   "5492266"   "5493075"   "5542601"   "5598036"   "5641113"   "5767580"   "5825629"   "5889326"   "5953623"   "6199273"   "6225206"   "6229220").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 14:27
S37 4	1	(US-6225206-\$.did.	USPAT	OR	ON	2008/01/04 14:27
S37 5	1	(US-6225206-\$.did. and solder	USPAT	OR	ON	2008/01/04 14:27
S37 6	16	("5677569" "5818107" "5903437" "6 188578" "6297074" "6303997" "636 2530" "6414391").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S37 7	2	jp-63128736-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S37 8	2	"20060208765".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S37 9	2	"5641113".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:27
S38 0	472	S193 not S194	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 15:44
S38 1	1126	stack\$3 and package and (solder bump ball) and (IC semiconductor integrated near2 circuit chip die silicon microelectronic micro\$3electronic)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:34
S38 2	158	stack\$3 near3(solder bump ball) and package and (IC semiconductor integrated near2 circuit chip die silicon microelectronic micro\$3electronic)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:35

## EAST Search History

S38 3	158	<i>stack\$3 near3 (solder bump ball) and package and (IC semiconductor integrated near2 circuit chip die silicon microelectronic micro\$3electronic)</i>	<i>EPO; JPO; DERWENT; IBM_TDB</i>	OR	ON	2008/01/04 16:38
S38 4	69	<i>(stack\$3 near3 (solder bump ball) and package and (IC semiconductor integrated near2 circuit chip die silicon microelectronic micro\$3electronic)).clm.</i>	<i>US-PGPUB</i>	OR	ON	2008/01/04 16:38